Index of Claims

| Appli | cation/ | Control | No. |
|-------|---------|---------|-----|

Phung My Chung

Applicant(s)/Patent under Reexamination

10/609,492

**OBUCHI ET AL.** Art Unit

Examiner

2138

Rejected Allowed

(Through numeral) Cancelled

Restricted

Non-Elected N

Interference

**Appeal** 0 Objected

| Cla      | im       |          |          |          |          | Date     | е        |          |           |          |      | Cla             | im         |                 |          |          | D       | ate     |         |          |        |          | laim       | Π            |  |  | [        | Date     | •        |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|----------|------|-----------------|------------|-----------------|----------|----------|---------|---------|---------|----------|--------|----------|------------|--------------|--|--|----------|----------|----------|----------|----------|----------|
| _        | <u>a</u> | ي        |          |          |          |          |          |          |           |          |      | l _ l           | व          |                 |          | -1       |         |         |         |          |        | _        | <u>8</u>   |              |  |  |          |          |          |          |          |          |
| Final    | Original | 10/6/06  |          |          |          |          |          |          | 1         |          |      | Final           | Original   |                 |          |          | 1       |         |         |          |        | Final    | Original   |              |  |  |          |          |          |          | į.       |          |
| 匠        | Ö        | 5        |          |          |          |          |          |          |           |          |      | 证               | Ö          |                 | ļ        |          |         |         |         |          |        | 证        | l ë        |              |  |  |          |          |          |          |          |          |
|          |          | ㄴ        | -        | _        |          |          |          |          | Ш         | _        |      |                 | _          | L               | -        | 4        | 4       | 4       | +-      |          | _      |          |            | 1_           |  |  |          |          |          | Ш        |          |          |
|          | 1        | =        | $\vdash$ | -        |          | <u> </u> | Н        | Ш        | Н         |          |      |                 | 51         | $\vdash$        | -        | -        | +       | +       | ┿       |          | - :::: |          | 101        | <u> </u>     | ┡  | <u> </u>   |          |          |          | $\Box$   |          |          |
|          | 2        | =        | $\vdash$ | _        | -        | $\vdash$ | H        |          | Н         |          |      |                 | 52         | ╀╌              |          | +        | +       |         | -       | $\vdash$ | 4      | <u> </u> | 102        | ╄            | <u> </u>   |  |          |          |          |          |          |          |
| <u> </u> | 3        | =        | H        |          |          | -        |          | Н        | $\vdash$  | $\dashv$ |      | -               | 53         | -               | -        | +        | +       |         | +       |          | -      | <u> </u> | 103        | ╀-           | <u> </u>   |  |          |          |          |          |          |          |
|          | 5        | ╘        | ₩        | -        | Н        | ⊢        | Н        | Н        | $\vdash$  |          |      |                 | 5 <u>4</u> | $\vdash$        | -        | -        | ┵       | +-      |         | $\dashv$ | -      | _        | 104<br>105 | ⊢            | H  | -  | -        | -        |          | $\dashv$ |          |          |
| _        | 6        | =        | ╁┼       | -        | Н        | -        | Н        | $\vdash$ | $\vdash$  | -        |      | <del> </del>    | 56         | Н               | -        | +        | +       | ╁       | +       | +        | -      | _        | 105        | ╀            | <u> </u>   | _  | H        | _        | _        | $\dashv$ |          |          |
|          | 7        | =        | $\vdash$ | $\dashv$ | Н        |          | -        |          | Н         | $\dashv$ |      | -               | 57         | $\vdash$        | $\dashv$ | ╅        | +       | +       | +       | $\dashv$ | -      | -        | 107        | ╀            | H  |  |          |          |          | -        | _        |          |
|          | 8.       | =        | $\vdash$ | -        | Н        | -        | Н        |          | -         | $\dashv$ |      | $\vdash$        | 58         | ╁               |          | +        | ┿       | ╁       | +       | $\dashv$ |        | -        | 108        | ┼            | -  | $\vdash$   | H        | -        | -        | $\dashv$ |          | _        |
|          | 9        | =        | $\vdash$ |          | -        |          | Н        |          |           | _        |      | _               | 59         | $\vdash$        | $\dashv$ | ╁        | +       | +       | ╁       |          | -      |          | 109        | ╁            | $\vdash$   |  |          |          |          | $\dashv$ |          |          |
|          | 10       | =        |          |          |          |          | Н        | -        |           | $\dashv$ |      |                 | 60         | T               | $\dashv$ | +        | 十       | +       | +       | $\dashv$ | -      | <u> </u> | 110        | $\vdash$     | ╁╌   |  |          |          |          |          | _        |          |
|          | 11       | -        | $\vdash$ | T        |          |          | H        |          | $\vdash$  | $\dashv$ |      | $\vdash$        | 61         | Н               | $\dashv$ | $\dashv$ | +       | +       | 1:-     | $\vdash$ | -      | $\vdash$ | 111        | $\vdash$     | -  | $\vdash$   |          | Н        | $\vdash$ | $\vdash$ |          |          |
|          | 12       | =        | $\sqcap$ | ╗        |          |          | П        |          | ┌┤        | $\dashv$ |      |                 | 62         | H               | $\dashv$ | 十        | 十       | +       | +-      |          | -      | Н        | 112        | 1            | <del>                                     </del> | <del>                                     </del>   |          | $\vdash$ |          | $\dashv$ | _        | $\neg$   |
|          | 13       | =        | $\sqcap$ |          |          | П        | Н        |          | $\vdash$  | $\dashv$ |      |                 | 63         | П               | $\dashv$ | $\dashv$ | +       | +       | $\top$  |          | 7      | $\vdash$ | 113        | t            | $\vdash$   | $\vdash$   | Н        | $\vdash$ |          |          |          | -        |
|          | 14       | =        | П        | T        |          |          | П        |          | П         |          |      |                 | 64         | П               | $\dashv$ | $\top$   | $\top$  | $\top$  | $\top$  | $\vdash$ | 7      | Т        | 114        | 1            | 1  | $\vdash$   | Н        | $\vdash$ | Н        | $\vdash$ | -        |          |
|          | 15       | =        | $\Box$   |          |          |          | П        |          | $\Box$    |          |      |                 | 65         | П               | 1        | $\top$   | $\top$  | $\top$  |         | $\neg$   | -      |          | 115        | 1            | $\vdash$   | -  | Н        | Н        |          |          | _        |          |
|          | 16       | -        | $\sqcap$ |          |          |          |          |          | П         | $\neg$   |      |                 | 66         | П               | $\neg$   | 7        | $\top$  | 1       | 1       | $\neg$   | 1      |          | 116        | T            |  |  |          | $\vdash$ | $\Box$   | $\dashv$ | _        |          |
|          | 17       | -        | $\Box$   |          |          |          |          | П        |           |          |      |                 | 67         | П               | 一        | $\top$   | $\top$  |         | 1       | $\Box$   | 7      |          | 117        |              |  |  |          | Н        | $\vdash$ | Ħ        |          |          |
|          | 18       | =        | П        |          |          |          |          |          |           | $\neg$   |      |                 | 68         |                 |          | 1        | $\top$  | _       |         |          | 7::::  |          | 118        | 1            | t  |  | П        | _        |          |          |          |          |
|          | 19       |          |          |          |          |          |          |          | П         |          |      |                 | 69         |                 | $\Box$   |          | 十       | T       |         | $\neg$   | 7      | $\vdash$ | 119        |              |  | _  |          |          |          | $\Box$   |          |          |
|          | 20       |          |          |          |          |          |          |          | П         |          |      |                 | 70         |                 |          | $\top$   | $\top$  | 1       |         |          | 7      | $\vdash$ | 120        | T            |  |  |          |          |          |          |          |          |
|          | 21       |          |          |          |          |          |          |          | П         |          |      |                 | 71         |                 |          |          | $\top$  | T       |         |          | 7::::  |          | 121        |              |  |  |          |          |          |          |          |          |
|          | 22       |          |          |          |          |          |          |          |           |          |      |                 | 72         | П               |          | T        | T       | T       |         |          |        |          | 122        | П            |  |  |          |          |          |          |          |          |
|          | 23       |          |          |          |          |          |          |          |           |          |      |                 | 73         |                 |          |          | $\top$  | T       |         |          |        |          | 123        | T            |  |  |          |          |          |          |          |          |
|          | 24       |          |          |          |          |          |          |          |           |          |      |                 | 74         | П               |          |          | Т       | T       |         |          | 7      |          | 124        |              |  |  |          |          |          |          |          |          |
|          | 25       |          |          |          |          |          |          |          |           |          |      |                 | 75         |                 |          |          |         |         |         |          |        |          | 125        |              |  |  |          |          |          |          |          |          |
|          | 26       |          |          |          |          |          |          |          |           |          |      |                 | 76         |                 |          |          |         | T       |         |          |        |          | 126        | Γ            |  |  |          |          |          |          |          |          |
|          | 27       |          |          |          |          |          |          |          |           |          |      |                 | 77         |                 |          |          |         | П       |         |          |        |          | 127        |              |  |  |          |          |          |          |          |          |
|          | 28       |          |          |          |          |          |          | •        |           |          |      |                 | 78         |                 |          |          |         |         |         |          |        |          | 128        |              |  |  |          |          |          | Ħ        |          |          |
|          | 29       |          |          | $\perp$  |          |          |          |          | Ц         |          |      |                 | 79         |                 |          |          |         |         |         |          |        |          | 129        |              |  |  |          |          |          |          |          |          |
|          | 30       |          |          | $\dashv$ | _        |          |          |          | Ц         | ┙        |      |                 | 80         |                 |          |          | ⊥       |         |         |          |        |          | 130        |              |  |  |          |          |          |          |          |          |
|          | 31       |          |          | 4        | _        |          | $\Box$   |          |           |          |      |                 | 81         |                 |          | $\perp$  | $\perp$ | $\perp$ |         |          |        |          | 131        | <u> </u>     |  |  |          |          |          |          |          |          |
|          | 32       |          | _        | _        | _        |          |          |          |           |          |      | L               | 82         |                 |          |          |         | $\perp$ |         |          | _      |          | 132        | 乚            |  |  |          |          |          |          |          |          |
|          | 33       |          | $\perp$  | 4        | _        |          |          | _        | $\square$ | ᆜ        |      |                 | 83         | Ш               |          | $\perp$  | $\perp$ | $\bot$  | $\bot$  |          | _      |          | 133        | _            | Ш  |  |          |          |          | $\bot$   |          |          |
|          | 34       |          | $\dashv$ |          | _        | -        | _        | _        | $\sqcup$  | _        |      |                 | 84         | Ш               | $\dashv$ | $\bot$   | $\bot$  | +       | $\perp$ | _        | 4      |          | 134        | <u> </u>     | Ш  | Щ  | Щ        |          |          | _        |          |          |
|          | 35       |          | $\dashv$ |          | _        |          |          | _        |           | 4        |      | $\vdash \vdash$ | 85         | $\sqcup$        | $\dashv$ | $\perp$  | 4       | +       | 44      | $\dashv$ | 4      |          | 135        | <u> </u>     |  | Щ  | Ш        |          |          |          |          |          |
|          | 36       | $\vdash$ | $\dashv$ |          |          |          | $\dashv$ | _        | $\vdash$  | _[       |      |                 | 86         | $\vdash$        |          | _        | 4       | 4-      | +       | _        | -      |          | 136        | ┞            | Щ  | $\Box$   | Щ        |          |          | _        | _        |          |
|          | 37       | $\vdash$ |          | -        |          |          | $\dashv$ |          | $\vdash$  |          |      |                 | 87         | $\sqcup$        | $\dashv$ | +        | +       | +       | +       | $\dashv$ | -      | <u>.</u> | 137        | <b> </b>     | Щ  | Ш  | Ш        | Щ        |          | _        |          |          |
|          | 38<br>39 | $\vdash$ | +        | 4        |          |          |          | $\dashv$ | $\vdash$  |          |      |                 | 88         | $\sqcup$        |          |          | +       | +       | +       | _        | -      |          | 138        |              | Щ  | Ш  | Ш        |          |          |          | _        |          |
|          | 40       | $\vdash$ | +        | -        | $\dashv$ |          | $\dashv$ |          | $\vdash$  | $\dashv$ |      |                 | 89         | $\vdash$        | +        | +        | 4       | +       | +       | -        | 4      |          | 139        | <del> </del> | Щ  | Щ  | L.,      | Щ        |          | $\dashv$ |          |          |
|          |          | -        | +        |          | $\dashv$ |          | $\dashv$ |          | -         | $\dashv$ |      | <u> </u>        | 90         | $\vdash \dashv$ | +        | +        | +       | - -     | +       |          | -      |          | 140        | ⊢            | Н  |  | $\vdash$ |          | _        | _        | _        | _        |
|          | 41<br>42 | -        | $\dashv$ | -        | $\dashv$ |          | $\dashv$ | -        | $\dashv$  |          |      |                 | 91         | $\vdash$        | $\dashv$ | +        | +-      | +       | ╁┤      | -        | -      |          | 141        | <u> </u>     | Н  | $\sqcup$   | Щ        | _        | -        | 4        | _        | _        |
|          | 42       |          | +        | $\dashv$ |          | $\dashv$ | $\dashv$ |          |           |          |      |                 | 92         | $\vdash \vdash$ | -+       | +        | +       | +       |         | +        | -      |          | 142        | ⊢-           | Н  | Ш  | Щ        |          | _        | $\dashv$ | _        | _        |
| -+       | 44       | $\dashv$ | $\dashv$ | $\dashv$ |          | -        | -+       | $\dashv$ | $\dashv$  |          |      |                 | 93<br>94   | $\vdash$        | +        | +        | +       | +       | ┯       | +        | - :::  |          | 143        | ⊢-           | $\vdash \vdash$                                  | <b></b>  | _        |          | _        | $\dashv$ |          | _        |
|          | 45       | $\dashv$ | +        | ᅱ        | -+       |          | $\dashv$ | ᅱ        | $\dashv$  | $\dashv$ |      |                 | 95         | $\vdash \vdash$ | $\dashv$ | +        | +       | ┿       | ╁╌┤     | +        | -      |          | 144<br>145 | ⊢            | $\vdash$   | $\vdash$   | $\dashv$ | _        | $\dashv$ | $\dashv$ |          |          |
|          | 46       |          | +        | $\dashv$ | $\dashv$ |          | -        | -        | $\vdash$  |          |      |                 | 96         | $\vdash$        | $\dashv$ | +        | +       | ╁       | ╂       | +        | -      |          | 145        | ⊢            | $\vdash$   | $\vdash$   | $\vdash$ |          | -        | $\dashv$ | $\dashv$ | 4        |
|          | 47       | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | ᅱ        |          | -        | $\dashv$  | $\dashv$ |      |                 | 97         | $\vdash$        | $\dashv$ | +        | +       | +       | +       | +        | -      |          | 147        | $\vdash$     | $\vdash \vdash$                                  | $\vdash$   |          |          |          | $\dashv$ |          |          |
|          | 48       | $\dashv$ | 十        | +        | -        | -        | $\dashv$ | -        | $\dashv$  | -        |      |                 | 98         | $\vdash$        | $\dashv$ | +        | +       | +       | +       | +        | -      |          | 148        | -            | $\vdash \vdash$                                  | -  |          | -        | $\dashv$ | -+       | $\dashv$ | $\dashv$ |
|          | 49       | $\dashv$ | $\dashv$ | $\dashv$ | -        | +        | ᅥ        | $\dashv$ | $\dashv$  | $\dashv$ |      | $\vdash$        | 99         | $\vdash$        | +        | +        | +       | +       | +-+     | +        | -      |          | 149        | -            | $\vdash$   | $\vdash$   | -        | $\dashv$ | $\dashv$ | $\dashv$ | -        | $\dashv$ |
|          | 50       | $\dashv$ | $\dashv$ | +        | $\dashv$ |          | $\dashv$ | $\dashv$ | +         | -1       |      |                 | 100        | $\vdash$        | $\dashv$ | +        | +-      | +       | +       | -+-      | -      | -        | 150        | ⊢            | $\vdash$   | $\vdash$   | $\dashv$ | -        |          | $\dashv$ | $\dashv$ | $\dashv$ |
|          | 55       |          |          | 1        | 1        |          |          |          |           | :لـــ    | :::: |                 | 100        | Щ               |          | 丄        | !_      |         |         | ㅗㅗ       | _::::  |          | 1120       | Ц            | 니  | $ldsymbol{ld}}}}}}}$ |          |          |          |          |          |          |